



25ul of 1:5 dilution of concentrated non-silencing pGIPZ virus into 225ul of media in 24 well plate of 293 cells

Average yield of ~ 150 ul of concentrated virus $\sim 1.5 \times 10^8$ TU/mL/T-75 flask with ~15 ml of media



25ul of 1:25 dilution of concentrated non-silencing pGIPZ virus into 225ul of media in 24 well plate of 293 cells

Average yield of ~ 150 ul of concentrated virus $\sim 1.5 \times 10^8$ TU/mL/T-75 flask with ~15 ml of media

A fluorescence microscopy image showing a dense population of cells. The cells are stained with a green fluorescent marker, likely GFP, which is expressed by the pGIPZ virus. The background is dark, and the individual cells are bright green, indicating successful transfection and viral expression. The cells are distributed across the field of view, with some appearing more brightly than others.

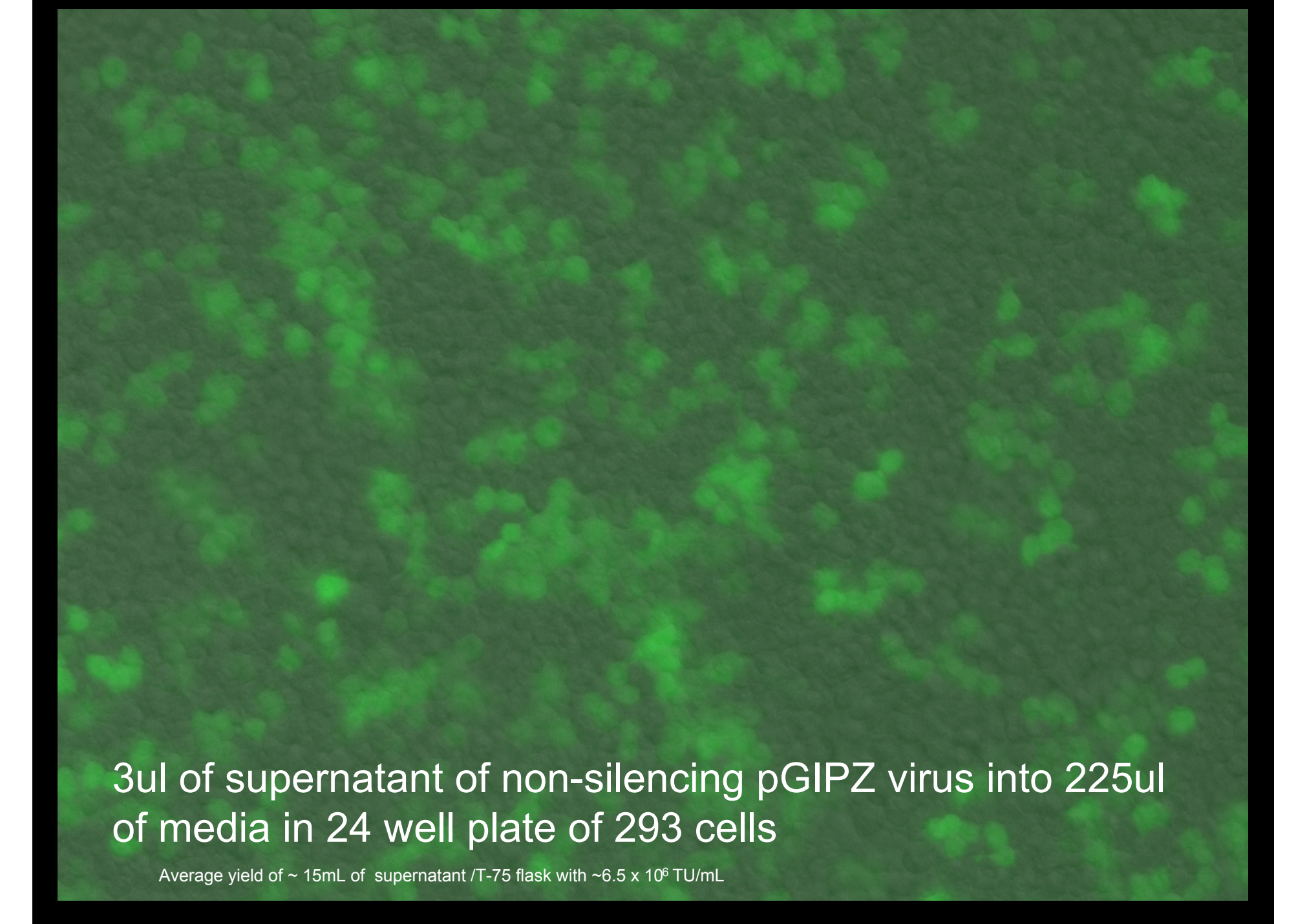
25ul of 1:125 dilution of concentrated non-silencing pGIPZ virus into 225ul of media in 24 well plate of 293 cells

Average yield of ~ 150 ul of concentrated virus $\sim 1.5 \times 10^8$ TU/mL/T-75 flask with ~15 ml of media

A fluorescence microscopy image showing a dense population of cells, likely 293 cells, exhibiting bright green fluorescence. The cells are distributed across the field of view, with some appearing more intensely green than others. The background is dark, making the green signal stand out.

50ul of supernatant of non-silencing pGIPZ virus into 225ul
of media in 24 well plate of 293 cells

Average yield of ~ 15mL of supernatant /T-75 flask with $\sim 6.5 \times 10^6$ TU/mL

A fluorescence microscopy image showing a dense population of cells, likely 293 cells, exhibiting bright green fluorescence. The cells are distributed across the field of view, with some appearing as distinct bright spots and others as more diffuse green patches. The background is dark, making the green signal stand out.

3ul of supernatant of non-silencing pGIPZ virus into 225ul
of media in 24 well plate of 293 cells

Average yield of ~ 15mL of supernatant /T-75 flask with $\sim 6.5 \times 10^6$ TU/mL